

the structure, as well as the type and the offending column name. In addition, a description of the constraint is presented.

[0168] 25. DbDataType

[0169] For SQL Server, the types represented by DbNumericType are: Date, Time, UtcDateTime, SmallDateTime, and DateTime. Date, Time and UtcDateTime are new types in Yukon and are specified more thoroughly in the Yukon Primitive Types specification.

<u>Attributes</u>		
Tag	Card	Comment
Name	Req	Type name (see above)
ParseFormat	Opt	This is for string types that are mapped to the new Date types. If they are stored in the target in non-canonical format the user can specify a parse format to allow the CQR to instantiate a SQL Date type from the string. Default is the canonical format for date serialization.

[0170] Additional Validation

[0171] The ParseFormat is one of the values recognized by the System.Globalization.DateTimeFormatInfo type, that controls formatting for the System.DateTime type in the BCL.

[0172] If any of the above constraints are violated, the user receives an error message that specifies the 3-part name of the structure, as well as the type and the offending column name. In addition, a description of the constraint is presented.

[0173] 26. DbGuidType

<u>Attributes</u>		
Tag	Card	Comment
Name	Req	Type name

[0174] Validation

[0175] For SQL Server, the types represented by DbGuidType are uniqueidentifier and timestamp/rowversion.

[0176] If any of the above constraints are violated, the user receives an error message that specifies the 3-part name of the structure, as well as the type and the offending column name. In addition, a description of the constraint is presented.

[0177] 27. DbXmlType

[0178] For SQL Server the types represented by DbXmlType are xml.

<u>Attributes</u>		
Tag	Card	Comment
Name	Req	Type name

[0179] 28. DbUDTType

[0180] For SQL Server, the types represented by DbXmlType are User-defined UDTs (Date, Time, and UtcDateTime are represented by the DbDataType above).

<u>Attributes</u>		
Tag	Card	Comment
Name	Req	Type name

[0181] 29. DbAliasType

[0182] For SQL Server, the types represented by DbAliasType are user-defined UDDTs (SQL2000 UDTs) such as phonefield.

<u>Attributes</u>		
Tag	Card	Comment
AliasName	Req	The name of the user-defined alias type. Must be defined in the RSD in the scope of the same database as the column. Only a one-part name is required.

[0183] Validation

[0184] If the AliasType is not in the scope of the file, the validation is specified by the segmentation specification.

[0185] Default

[0186] This element contains the text that represents a value to be used as default for Columns, Parameters, UDTs, etc. It can contain a scalar value or an expression using built-in or user defined scalar valued functions.

EXAMPLE

[0187] <Default>Seattle</Default>

[0188] 30. Constraints

[0189] This element serves as a container for the primary key, and the alternate keys. as well as that which can be represented by UniqueConstraints in the database or constraints on a particular table.